

CLAIMS

1. A wireless communication device comprising:  
an antenna storage section(s), which is formed integrally with a main body of the device and which is not electromagnetically shielded, in a periphery section of a display screen in the main body of the device containing a display section including the display screen; and  
an antenna(s) being provided inside the antenna storage section(s).

2. A wireless communication device comprising:  
an antenna storage section(s), which is formed integrally with a main body of the device and which includes a ventilation section made of plural through-holes, in a periphery section of a display screen in the main body of the device containing a display section including the display screen; and  
an antenna(s) being provided inside the antenna storage section(s).

3. The wireless communication device as set forth in Claims 1 or 2 wherein:

one antenna or plural antennas is/are provided in one of the antenna storage section(s).

4. The wireless communication device as set forth in

Claims 1 or 2, wherein:

the antenna storage sections are provided on both left and right sides of the display screen.

5. The wireless communication device as set forth in Claims 1 or 2, wherein:

the antenna storage sections are provided on both left and right sides of the display screen and serve as speaker storage sections, and

the antenna(s) and a speaker are stored inside each of the antenna storage sections.

6. The wireless communication device as set forth in any one of Claims 3 through 5, wherein:

directions of installation of two of the antennas provided in the same antenna storage section or different antenna storage sections differ from each other by 90 degrees.

7. The wireless communication device as set forth in Claim 6, wherein:

in a state in which one antenna is provided inside each of the speaker storage sections, one of the antennas has directivity in a horizontal plane stronger than directivity in a vertical plane and the other one of the antennas has the directivity in the vertical plane stronger

than the directivity in the horizontal plane.

8. The wireless communication device as set forth in any one of Claims 3 through 7, wherein:

plural antennas provided inside the same or different antenna storage section(s) construct a diversity antenna.

9. The wireless communication device as set forth in any one of Claims 1 through 8, wherein:

the antenna is either an inverted L antenna or an inverted F antenna.